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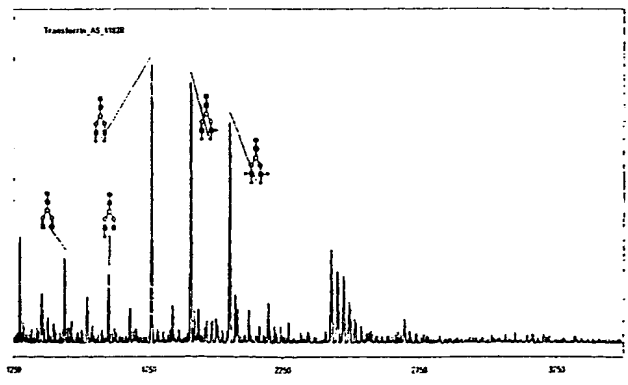
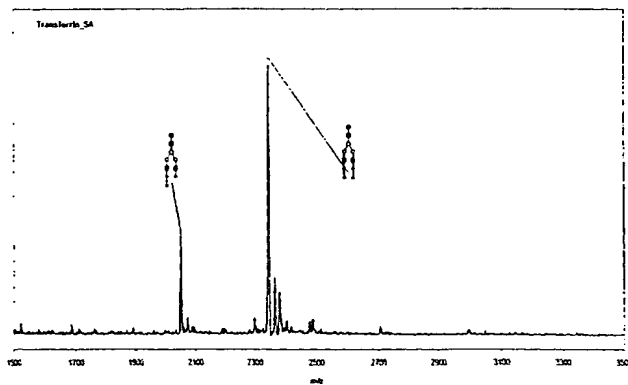
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(54) Title: SYNTHESIS OF GLYCOPROTEINS USING BACTERIAL GLYCOSYLTRANSFERASES



(57) **Abstract:** This invention provides nucleic acid and amino acid sequences of fucosyltransferases from *Helicobacter pylori*. The invention also provides methods to use the fucosyltransferases to synthesize oligosaccharides, glycoproteins, and glycolipids.

WO 2004/009793 A2

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WO 2004/009793 A2



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